

## Form PTO-1449

(Rev. 8-83)

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

2267.001

Serial No.

09/877,999

p.1 of 3

Applicant

Ranger et al.

Filing Date

06/07/01

Group

1741

## INFORMATION DISCLOSURE CITATION

*Use several sheets if necessary*

## U. S. PATENT DOCUMENTS

Examiner Initial	DOCUMENT NUMBER	Date	Name	Class	Subclass	Filing Date if Appropriate
RS	5 7 7 0 6 2 7	06/23/98	Inoue et al			
RS	5 9 5 5 5 0 9	09/21/99	Webber et al			

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation No

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

RS	Jones et al., Polymeric micelles - a new generation of colloidal drug carriers, Eur. J. Pharmaceut. Biopharmaceut., (1999) 48, pp101-111
	Kwon et al., Polymeric micelles as new drug carriers, Adv. Drug Deliv. Rev., (1996) 21, pp107-116
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	Zhang et al., Multiple morphologies of "crew - cut" aggregates of polystyrene -b- poly (acrylic acid), Science, (1995), 268, pp1728-1731
	Inoue et al., An AB block copolymer of oligo(methyl methacrylate) and poly(acrylic acid) for micellar delivery of hydrophobic drugs, J. Controlled Release, (1998) 51, pp221-229
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## U. S. PATENT DOCUMENTS

Examiner Initial	DOCUMENT NUMBER	Date	Name	Class	Subclass	Filing Date if Appropriate
RS	5 6 9 3 7 5 1	12/02/97	Sakurai et al			
1	5 7 0 2 7 1 7	12/30/97	Cha et al			
1	5 9 3 9 4 5 3	08/17/99	Heller et al			
RS	5 7 8 6 3 8 7	07/28/98	Watanabe et al			

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Document Number	Date	Country	Class	Subclass	Translation Yes No

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RS	Benahmed et al., Novel polymeric micelles based on the amphiphilic diblock copolymer poly(N-vinyl-2-pyrrolidone)-block-poly(D,L-lactide), Pharmaceut. Res., (2001) 18, 3, pp323-328
1	Lee et al., Synthesis and micellar characterization of amphiphilic diblock copolymers based on poly(2-ethyl-2-oxazoline) and aliphatic polyesters, Macromol., (1999) 32, pp1847-1852
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1	Lele et al., Mucoadhesive drug carriers based on complexes of poly(acrylic acid) and PEGylated drugs having hydrolysable PEG-anhydride-drug linkages, J. Controlled Release, (2000) 69, pp237-248
1	Kataoka et al., Spontaneous formation of polyion complex micelles with narrow distribution from antisense oligonucleotide and cationic block copolymer in physiological saline, Macromol., (1996) 29, pp8556-8557
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RS	Coessens et al., Functional polymers by atom transfer radical polymerization, Prog. Polym. Sci., (2001) 26, pp337-377
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Examiner Initial	DOCUMENT NUMBER	Date	Name	Class	Subclass	Filing Date if Appropriate
RS	5 8 4 0 3 1 9	11/24/98	Alakhov et al			
	5 9 2 9 1 7 7	07/27/99	Kataoka et al			
	5 9 2 5 7 2 8	07/20/99	Kataoka et al			
	5 6 5 6 6 1 1	08/12/97	Kabanov et al			
	6 2 1 7 9 1 2	04/30/01	Park et al			
	6 2 2 1 9 5 9	04/24/01	Kabanov et al			
RS	5 5 1 0 1 0 3	04/23/96	Yokoyama et al			

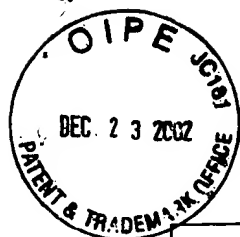
## FOREIGN PATENT DOCUMENTS

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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
2267.001

APPLICATION NO.  
09/877,989

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

APPLICANT  
RANGER et al.

DEC 27 2002

FILING DATE  
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1635

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U.S. PATENT DOCUMENTS

EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RS	5,620,850	04/97	Bamdad et al.			
RS	5,908,777	06/99	Lee et al.			
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
RS	EP 0 963 758 A2	12/99	Europe			X
	WO 98/19710	05/98	PCT			X
	WO 96/32841	10/96	PCT			X
	WO 96/21036	07/96	PCT			X
	WO 98/37902	09/98	PCT			X
RS	WO 97/33737	09/97	PCT			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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